Evangelos Lamprou

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Education	*Ph.D. in Computer Science*	August 2025 - Present
	Brown University	
	Advisor: Nikos Vasilakis	
	Diploma in Electrical and Computer Engineering	October 2018 - July 2023
	University of Patras	
	Advisor: Christos Fidas	

Experience

Visiting Research Fellow — December 2023 - February 2024
Brown University — Providence, RI, USA
Advisor: Nikos Vasilakis

- Developed a system for library learning and regeneration against supply-chain attacks.
- Developed a specification miner for black-box commands.
- Implemented infrastructure and created assignments for the CS1380 *Distributed Computing Systems* course.

Embedded Software Engineer (Part Time) — September 2023 - August 2024
Demant A/S — Copenhagen Capital Region, Denmark

- Developed a `clang-query`-based static analysis tool, discovered and fixed 100+ bugs, including a major defect in the company's charger firmware.
- Implemented a framework for hardware error handling over the company's entire accessory codebase (over 600k lines of driver code and in-house operating system).

Teaching Assistant — September 2022 - October 2023
Operating Systems (grad. level, 141 students) — Patras, Greece
University of Patras
Supervisor & Instructor: Christos Fidas
Created assignments on developing **Linux Kernel Modules** and experimenting with the **xv6 Kernel**. Exercises have been integrated into the course's curriculum. [material]

Software Engineer (Erasmus+ Placement) — June 2022 - August 2022
Bionos Biotech S.L — Valencia, Spain

Publications

Peer-reviewed Conference Publications

P1. **Lamprou, E.**, Williams, E., Kaoukis, G., Zhang, Z., Greenberg, M., Kallas, K., Lazarek, L., Vasilakis, N., "The Koala Benchmarks for the Shell: Characterization and Implications". In: USENIX ATC '25. 2025

P2. **Lamprou, E.**, Fidas, C., "Investigating Applicability Heuristics of Answer Set Programming in Game Development: Use Cases and Empirical Study". In: ACM CHI Greece 2023. 2023

Peer-reviewed Workshop Publications

W1. Lazarek, L., Jung, S.-H., **Lamprou, E.**, Li, Z., Narsipur, A., Zhao, E., Greenberg, M., Kallas, K., Mamouras, K., Vasilakis, N., "From Ahead-of- to Just-in-Time and Back Again: Static Analysis for Unix Shell Programs". In: HotOS '25. 2025

Service	18th European Workshop on Systems Security (EuroSec 2025) Publicity & Web co-chair	2025
	17th European Workshop on Systems Security (EuroSec 2024) Web & publication co-chair	2024

Honors & Awards

Huawuei "Seeds for the Future" Scholarship   June 2023
Awarded based on academic performance and contribution to the ECE department at the University of Patras.

NAM Lab IoT Hackathon   May 2023
Participated solo in NAM Lab's first IoT Hackathon – 1st Place.

IEEE Xtreme 16.0 Competition   October 2022
Team name: "notWizards". Placed globally at the top 4% among 6373 teams.

Volunteering

IEEE Student Branch   October 2021 - June 2023
Patras, Greece
Computer Society Chapter Chair & Scientific Group Coordinator (151 total members)

- Organized 26 weekly sessions on computer science topics, supported members' technical projects. [material]
- Organized an instance of the IEEEXtreme competition and two industry-facing events.
- Received the *IEEE Exemplary Student Branch Award* for the 2022-2023 academic year.

Radio KoL   May 2016 - September 2017
Radio Host & DJ

Languages

English (fluent), Greek (native), German (intermediate)

References

Prof. Nikos Vasilakis	**Prof. Konstantinos Kallas**	**Prof. Christos Fidas**
CS Department	CS Department	ECE Department
Brown University	UCLA	University of Patras
Providence, RI, USA	Los Angeles, CA, USA	Rion-Patras, Greece
nikos@vasilak.is	kkallas@ucla.edu	fidas@upatras.gr

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